

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the modification of the existing traffic signal at the intersection of MD 202 and the southbound ramp to/from the B.W. Parkway in Prince George's County Maryland. MD 202 runs in an East-West direction.

II. INTERSECTION OPERATION

The proposed traffic signal will operate in a NEMA five (5) phase, semi-traffic actuated mode with eastbound and westbound approaches operating concurrently with an eastbound exclusive/permisssive left turn phase.

The existing eight phase fully traffic actuated controller will remain.
New wiring will be brought into the cabinet.

III. SPECIAL NOTES

- It is the responsibility of the contractor to confirm geometrics prior to placing signal equipment.
- The signal shop will be notified to perform internal wiring of the cabinet at MD 202 @ the S.B. Ramp for B.W. Pkwy. All cable shall be identified and brought into the controller by the contractor. The contractor shall notify Mr. Edward Rodenhizer, SHA Signal Shop at (410) 787-7650 seventy-two (72) hours in advance of this work.
- The Maryland State Highway Administration District #3 will be given at least seven (7) days notice to perform striping through the intersection area. Contact Mr. Majid Shakib at (301) 513 - 7358 to initiate this operation.
- This Project Shall Follow The Standard MOT Plates.
- Upon completion of this project the contractor shall notify Mr. Robert Snyder of SHA at 410-787-7635 to arrange for the phone line installation. The contractor is to provide Mr. Snyder with the nearest street address, zip code, and phone.
- The contractor shall furnish and deliver the video detection control cabinet equipment a minimum of three (3) weeks prior to picking up the signal control cabinet from SHA Signal Shop, 7491 Connelley Drive. The contact person is Mr. Ed Rodenhizer for SHA. (410) 787-7650.

THE FOLLOWING CONTACT PERSONS FOR DISTRICT # 3 ARE AS FOLLOWS:

Mr. Lee Starkloff
District Engineer
Phone: (301) 513-7318

Mr. Raleigh Medley
Asst. District Engineer - Maintenance
Phone: (301) 513-7304

Mr. Augie Reblish
Engineer-Utility
Phone: (301) 513-7350

Mr. Richard L. Daff
Chief Traffic Operations Division
Phone: (410) 787-7630

Mr. Majid Shakib
Assistant District Engineer-Traffic
Phone: (301) 513-7358

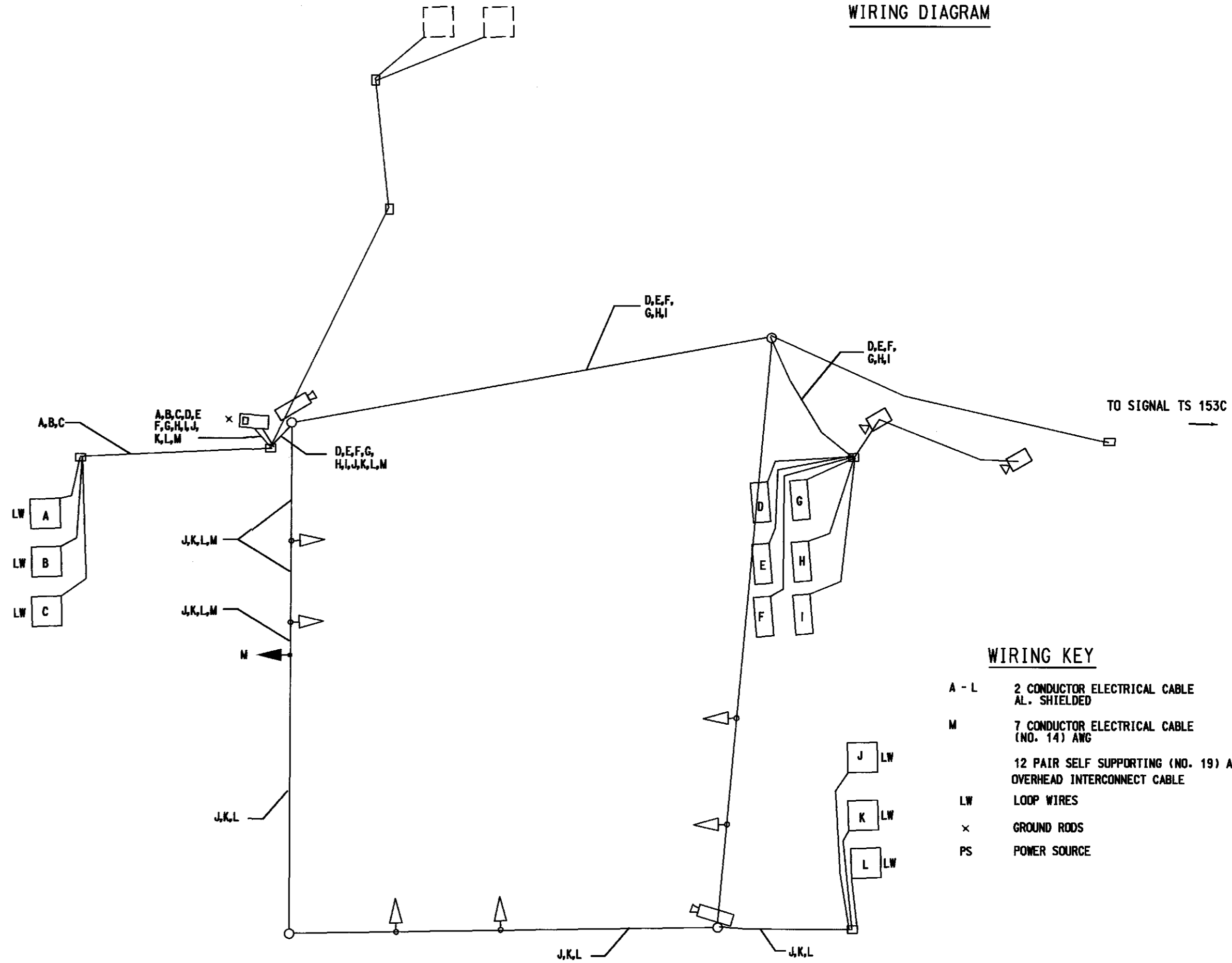
The Power Company Representative is:
POTOMAC ELECTRIC POWER COMPANY

8300 OLD MARLBORO PIKE
UPPER MARLBORO MARYLAND, 20772
(301) 961-5325

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR:

CATAGORY CODE NO.	SPEC. NO.	QUANTITY	DESCRIPTION
585620	SP-556	300 L.F.	FURNISH AND INSTALL 12 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (CROSSWALK)
585624	SP-556	140 L.F.	FURNISH AND INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE)
805011	805	30 L.F.	FURNISH AND INSTALL 1 IN. ELECTRICAL CONDUIT - GALVANIZED SLEEVE
805160	805	45 L.F.	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXABLE NON-METALLIC CONDUIT.
861104	810	2400 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (AL SHIELDED)
861108	810	100 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
862101	810	1700 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
862102	810	650 L.F.	FURNISH AND INSTALL SAWCUT FOR SIGNAL (LOOP DETECTOR)
860270	814	3 EA.	FURNISH AND INSTALL 8 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION (BLACK FACED)
860272	814	2 EA.	FURNISH AND INSTALL 12 IN. VEHICULAR TRAFFIC SIGNAL HEAD SECTION (BLACK FACED)

WIRING DIAGRAM



PHASE CHART

PHASE 1 & 6	←G-G	←G-G	G	R	R	R	R	↑
PHASE 1 CHANGE	→Y-G	→Y-G	G	R	R	R	R	→
PHASE 2 & 6	G	G	G	G	G	R	R	←
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	Y	R	R	→
PHASE 4	R	R	R	R	R	G	G	↓
PHASE 4 CHANGE	R	R	R	R	R	G	G	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↔



72 Loveton Circle Baltimore, Maryland 21162-0949

REVISIONS		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD 202 & S.B. RAMP FOR B.W. PKWY GENERAL INFORMATION					
⑧ 8-02 REPLACE LOOPS DUE TO RESURFACING P04219/84		DRAWN BY: LES TOWNSEND		F.A.P. NO. _____		TS NO. _____	
C. MANZ 11-92 BW 1A24, B15 REPLACEMENT OF LOOP DETECTORS DUE TO GEOMETRIC IMPROVEMENTS		CHECKED BY: N.T.S.		S.H.A. NO. _____		TS-651 B	
		SCALE: JULY 29, 1972		COUNTY: PRINCE GEORGE'S		T.I.M.S. NO. _____	
		DATE: JULY 29, 1972		LOG MILE: 16020213.47		E 691	
						SHEET NO. _____	
						61 OF 92	